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Optical tracking system and method

Abstract

In an optical tracking system for determining the position and/or orientation of an object provided with at least one marker (4), having at least two image recording devices (1) for capturing the images of said at least one marker (4) and at least one computing device (2, 3) for evaluating the images captured by said image recording devices (1), it is proposed to provide means for retransferring relevant information that was calculated by a computing device (2, 3) to another computing device (2) and/or to said image recording device (1) for controlling the computing process or the image recording. It is advantageous to retransfer expected values calculated by a prediction device (5). Hereby, a faster and more precise processing of the resulting image data is possible.

(Figure 1)